In the Specification:

Page 3, replace the paragraphs 1-4, lines 2-19, with new paragraphs as follows:

-- This object is achieved, in accordance with the invention, by a segmental hard material insert for a tool having a planar polycrystalline diamond layer ~~in the layer plane~~ provided on a planar surface of the insert,a main cutting ~~element~~ edge having, ~~with~~ at least regionwise, a ~~segment~~ radius R and an opposing, at least ~~segment~~ regionwise straight, ~~ontact~~ shoulder edge, wherein in a transition zone [[,]] of the main cutting edge ~~element~~ to the shoulder ~~contact~~ edge, the least radius of curvature K is greater than R/20 and less than R/5.

Sharp corners in the layer plane are avoided by virtue of the specific maximum curvature in the transition zone, of the main cutting edge ~~element~~ to the contact edge, in the least radius of curvature K being $K > R/20$, wherein superelevation of stress by point loads and the probability of cracking in the brazing layer between the tool and the ~~contact~~ shoulder edge are reduced. As a consequence, the load capacity of a hard material insert is increased.

Preferably, relative to the radius R of an at least ~~segmental~~ regionwise circular ~~PCD layer~~ blank with a PCD layer and at least parts of the main cutting edge ~~element,~~ the width W of the ~~contact~~ shoulder edge lies in the range of R/2 to 2R, ~~wherein~~ whereby the main cutting edge ~~element~~ is formed by an arc of the circumference of an at least ~~segmental~~ regionwise circular ~~PCD layer~~ blank having the radius R and the ~~contact~~ shoulder edge by ~~virtue of~~ a technologically ~~technically~~ economical, essentially straight linear separation cut through the ~~PCD layer~~ blank.

Preferably, relative to the width W, the height of the hard material insert measured perpendicular to the ~~contact~~ shoulder edge is in the range of W/2 to 3W/2, ~~wherein~~ whereby a bend-resistant, compact form is obtained. --.

Pages 3-4, replace the paragraph bridging these pages, page 3, ultimate line, page 4, lines 1-2, with a new paragraph as follows:

-- Preferably, a ~~scallop~~ burr produced, for example by spark-erosion cutting, more advantageously disposed in a central zone, on the ~~contact~~ shoulder edge, since only the most minimal stresses occur on the ~~contact~~ shoulder edge welded to the tool in the zone of ~~said scallop~~ the burr.—

Page 4, change the title "Summary of the Invention" to – Brief Description of the Drawings --;

Cancel paragraphs 3-5, lines 7-9 and substitute therefore new paragraphs as follows:

-- Fig. 1A shows a perspective view of a hard material insert according to a first embodiment of the present invention;

Fig. 1B shows a plan view of a hard material insert according to a second embodiment of the present invention;

Fig. 2A shows a plan view of a hard material insert according to a third embodiment of the present invention;

Fig. 2B shows a plan view of a hard material insert according to a fourth embodiment of the present invention; and

Fig. 3 shows a plan view of a hard material insert according to a fifth embodiment of the present invention. --

Page 4-5, replace the paragraph bridging these pages, page 4, liens 13-18, page 5, lines 1-7, with a new paragraph as follows:

-- According to Fig. 1A, Fig. 1B, segmental ~~configured~~ hard material insert 1 for a tool ~~g~~ 9 ~~(not~~ shown schematically with dash lines) has a planar polycrystalline diamond layer 2 deposited on a carrier layer 8. At a height H, a linear ~~contact~~ shoulder edge 4 of a length W = 2R is arranged facing a discontinuous main cutting edge ~~element~~ 3 having an at least segmental radius R vis-à-vis the ~~layer~~ plane of the PCD. The convex and concave transition zones X, X' formed within the discontinuous main cutting edge ~~element~~ 3 and facing the ~~contact~~ shoulder edge 4 are configured with rounded corners 5, whose radius of curvature K = R/10. Of the circular (indicated in Fig. 1A by the broken line) or segmental circular (Fig. 1B) ~~PCD layer~~ blank 6 having the radius R, individual arc lengths L in the range of 0.3 πR are utilized without post-processing as part o the main cutting edge ~~element~~ 3, wherein the sum of the individual arc lengths L is in the range of 0.3 πR to 0.9 πR of the main cutting edge ~~element~~ 3 extending over a semicircular arch πR. In Fig. 1, the re-processed central part of the main cutting edge ~~element~~ 3 further forms a cutting radius R/2. A concave ~~scallop~~ burr 7 produced by spark-erosion cutting is disposed in a central zone ± W/4 from the center at the ~~contact~~ shoulder edge 4. --

Page 5, first and second paragraphs, replace with new paragraphs as follows:

-- According to Fig. 2A, Fig. 2B, a linear ~~contact~~ shoulder 4 of the length W = 2R is arranged in a polycrystalline diamond layer opposite ~~of~~ the

continuous semicircular main cutting edge ~~element~~ 3 having the radius R in the layer plane at height H, wherein the transitional convex ~~shaped~~ zone X ~~transitioning to~~ at an end of the ~~contact~~ shoulder edge 4 and the main cutting edge 3 formed in the layer plane is configured ~~with~~ as a rounded ~~corners~~ corner 5, whose radius of curvature is K = R/10.

According to Fig. 3, a linear ~~contact~~ shoulder edge 4 of the length W = R/2 is arranged in the polycrystalline diamond layer 2 opposite ~~of~~ the continuous, spherical main cutting edge ~~element~~ 3 with a radius R ~~opposite the layer plane~~ at height H, wherein the transitional convex ~~transition~~ zone X ~~to the contact~~ at an end of the shoulder edge 4 is configured ~~with~~ as a rounded corner, whose radius of curvature is K = R/10. --.